

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|--------------------|------------------|---------|------------------|
| S1    | 1158  | 370/329.ccls.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/07/05 09:04 |
| S2    | 0     | 370/329.ccls. and committed with rate  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/07/01 15:22 |
| S3    | 628   | committed with rate  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/12/30 07:40 |
| S4    | 167   | committed with rate and excess with rate   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/07/01 15:23 |
| S5    | 84    | committed with rate and excess with rate and ("real-time" or "real time")                                      | US-PGPUB;<br>USPAT | OR               | ON      | 2005/12/30 10:43 |
| S6    | 47    | committed with rate and excess with rate and ("real-time" or "real time") and @ad<="20011130"                  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/01 15:24 |
| S7    | 20    | committed with rate and excess with rate and ("real-time" or "real time") and @rlad<="20011130"                | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/01 15:24 |
| S8    | 11    | committed with rate and excess with rate and ("real-time" or "real time") and @prad<="20011130"                | US-PGPUB;<br>USPAT | OR               | ON      | 2005/12/30 07:35 |
| S9    | 1     | committed with rate and excess with rate and detect\$3 with ("real-time" or "real time") and @prad<="20011130" | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/01 15:25 |
| S10   | 7     | committed with rate and excess with rate and detect\$3 with ("real-time" or "real time")                       | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/01 15:27 |
| S11   | 69000 | detect\$3 with ("real-time" or "real time" or voice or video)  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/01 15:28 |
| S12   | 1     | detect\$3 with ("real-time" or "real time" or voice or video) with (CIR or "committed information rate")       | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/01 15:29 |
| S13   | 8     | detect\$3 with ("real-time" or "real time" or voice or video) same (CIR or "committed information rate")       | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/01 15:31 |
| S14   | 287   | detect\$3 with ("real-time" or "real time" or voice or video) and (CIR or "committed information rate")        | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/01 15:31 |
| S15   | 30    | detect\$3 with ("real-time" or "real time" or voice or video) and ("committed information rate")               | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/01 15:37 |
| S16   | 0     | router with detect\$3 with ("real-time" or "real time" or voice or video) and ("committed information rate")   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/01 15:38 |

## EAST Search History

|     |       |   |                    |    |     |                  |
|-----|-------|---|--------------------|----|-----|------------------|
| S17 | 9     | router with ("committed information rate")  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 15:50 |
| S18 | 2     | router with rate with adjust\$3 with detect\$3  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 15:52 |
| S19 | 29    | router with rate with adjust\$3   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 15:53 |
| S20 | 3     | router with rate with adjust\$3 and committed with rate   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 15:57 |
| S21 | 3     | (voice or video or "real-time" or "real time") with rate with adjust\$3 and committed with rate   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 15:59 |
| S22 | 6     | (voice or video or "real-time" or "real time") same rate with adjust\$3 and committed with rate   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 16:09 |
| S23 | 6387  | (voice or video or "real-time" or "real time") with timer   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 16:09 |
| S24 | 342   | (voice or video or "real-time" or "real time") with timer and rate with adjust\$3   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 16:09 |
| S25 | 0     | (voice or video or "real-time" or "real time") with timer and rate with adjust\$3 and committed with rate                                 | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 16:09 |
| S26 | 190   | (voice or video or "real-time" or "real time") with timer and rate with adjust\$3 and first with rate                                     | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 16:18 |
| S27 | 69000 | (voice or video or "real-time" or "real time") with detect\$3   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 16:18 |
| S28 | 20606 | (voice or video or "real-time" or "real time") with detector  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 16:18 |
| S29 | 60    | (voice or video or "real-time" or "real time") with detect\$3 with router   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 16:23 |
| S30 | 145   | (voice or video or "real-time" or "real time") same detect\$3 same router and (adjust\$3 or chang\$3 or reduc\$3 or increas\$3) with rate | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/01 16:30 |
| S32 | 5     | 370/329,352,352,354,355,356.ccls. and router with voice with detect\$3  | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/06 16:32 |
| S33 | 6     | 370/329,352,352,354,355,356.ccls. and router with voice with detect\$3  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/05 09:06 |
| S34 | 60293 | (video or real-time or voice) with detect\$3  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/05 09:06 |
| S35 | 9919  | (video or real-time or voice) with detect\$3 and rate with (increas\$3 or decreas\$3 or adjust\$4)  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/05 09:07 |

## EAST Search History

|     |       |  |                 |    |    |                  |
|-----|-------|--|-----------------|----|----|------------------|
| S36 | 538   | (video or real-time or voice) with detect\$3 same rate with (increas\$3 or decreas\$3 or adjust\$4)                                  | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:07 |
| S37 | 0     | (video or real-time or voice) with detect\$3 same rate with (increas\$3 or decreas\$3 or adjust\$4) and "committed information rate" | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:08 |
| S38 | 4     | (video or real-time or voice) with detect\$3 and rate with (increas\$3 or decreas\$3 or adjust\$4) and "committed information rate"  | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:11 |
| S39 | 25    | (video or real-time or voice) with detect\$3 and rate and "committed information rate"   | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:15 |
| S40 | 2     | (video or real-time or voice) with detect\$3 and "excess information rate" and "committed information rate"                          | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:16 |
| S41 | 69055 | (video or real-time or voice or "real time") with detect\$3  | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:17 |
| S42 | 139   | 370/353-356.ccls. and (video or real-time or voice or "real time") with detect\$3  | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:17 |
| S43 | 139   | 370/353-356.ccls. and (video or real-time or voice or "real time") with detect\$3  | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:38 |
| S44 | 136   | cisco.asn. and (video or real-time or voice or "real time") with detect\$3   | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:17 |
| S45 | 621   | 370/351-356.ccls. and (video or real-time or voice or "real time") with detect\$3  | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:39 |
| S46 | 2     | 370/351-356.ccls. and (video or real-time or voice or "real time") with detect\$3 same rate with (controll\$3 or adust\$4)           | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:39 |
| S47 | 69055 | ((video or real-time or voice or "real time") with detect\$3)  | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:53 |
| S48 | 733   | S47 same (rate with (adjust\$3 or controll\$3))  | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:45 |
| S49 | 71    | S48 same (clock or timer)  | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:41 |
| S50 | 70    | S47 same (rate near2 adjust\$4)  | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:45 |
| S51 | 30    | ((video or real-time or voice or "real time") with detect\$3) and "committed information rate"                                       | US-PGPUB; USPAT | OR | ON | 2005/07/05 09:56 |

## EAST Search History

|     |      |   |                    |    |    |                  |
|-----|------|---|--------------------|----|----|------------------|
| S52 | 60   | ((video or real-time or voice or "real time") with detect\$3) with router | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 09:59 |
| S53 | 29   | rate with adjust\$3 with router   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:30 |
| S54 | 162  | router with tos   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:30 |
| S55 | 0    | router with tos with rate with adjust\$3                                  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:30 |
| S56 | 7    | router with tos and rate with adjust\$3                                   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:32 |
| S57 | 162  | router with tos   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:32 |
| S58 | 0    | router with tos and "committed information with rate"                     | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:32 |
| S59 | 2    | router with tos and "committed information rate"                          | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:32 |
| S60 | 2    | router same tos and "committed information rate"                          | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:33 |
| S61 | 12   | router with service with type and "committed information rate"            | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:35 |
| S62 | 34   | (detect\$4 with type) same (adjust\$4 adj rate)                           | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:37 |
| S63 | 919  | (type) same (adjust\$4 adj rate)  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:39 |
| S64 | 2    | (Tos) same (adjust\$4 adj rate)   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:37 |
| S65 | 3    | "370"/\$.ccls. and type with service same (adjust\$4 adj rate)            | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:37 |
| S66 | 226  | (video or voice or "real-time" or "real time") same (adjust\$4 adj rate)  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 12:19 |
| S67 | 30   | S66 and "370"/\$.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:45 |
| S68 | 0    | "type of service" with (rate with adjust\$4)                              | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:46 |
| S69 | 0    | "type of service" same (rate with adjust\$4)                              | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:46 |
| S70 | 0    | "type of service" and (rate with adjust\$4)                               | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:46 |
| S71 | 1444 | "tos" and (rate with adjust\$4)   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:46 |
| S72 | 81   | "370"/\$.ccls. and "tos" and (rate with adjust\$4)                        | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:51 |

## EAST Search History

|     |     |   |                    |    |    |                  |
|-----|-----|---|--------------------|----|----|------------------|
| S73 | 496 | "370"/468,465.ccls. and (rate with adjust\$4)   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:51 |
| S74 | 431 | "370"/468,465.ccls. and (rate with adjust\$4) and (@ad<="20011130" or @rlad<="20011130")  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:58 |
| S75 | 448 | (rate near2 adjust\$4) same ("real-time" or "real time") and (@ad<="20011130" or @rlad<="20011130")   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:59 |
| S76 | 210 | (rate near2 adjust\$4) with ("real-time" or "real time") and (@ad<="20011130" or @rlad<="20011130")   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 10:59 |
| S77 | 12  | "370"/\$.ccls. and (rate near2 adjust\$4) with ("real-time" or "real time") and (@ad<="20011130" or @rlad<="20011130")                                | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:16 |
| S78 | 38  | "370"/\$.ccls. and (rate near2 adjust\$4) same ("real-time" or "real time") and (@ad<="20011130" or @rlad<="20011130")                                | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:14 |
| S79 | 100 | "370"/\$.ccls. and detect with real-time  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:14 |
| S80 | 27  | "370"/\$.ccls. and "committed information rate" and "excess information rate" and (@ad<="20011130" or @rlad<="20011130")                              | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:27 |
| S81 | 0   | "370"/\$.ccls. and detect\$3 with real-time and "committed information rate" and "excess information rate" and (@ad<="20011130" or @rlad<="20011130") | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:27 |
| S82 | 1   | "370"/\$.ccls. and detect\$3 with real-time and "committed information rate" and (@ad<="20011130" or @rlad<="20011130")                               | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:28 |
| S83 | 3   | "370"/\$.ccls. and detect\$3 with real-time with router and (@ad<="20011130" or @rlad<="20011130")  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 13:18 |
| S84 | 1   | "370"/\$.ccls. and rate near2 adjust\$4 same CIR and (@ad<="20011130" or @rlad<="20011130")   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:31 |

## EAST Search History

|     |         |  |                    |    |    |                  |
|-----|---------|--|--------------------|----|----|------------------|
| S85 | 73      | "370"/\$.ccls. and rate near2<br>adjust\$4 same (real-time or voice)<br>and (@ad<="20011130" or<br>@rlad<="20011130")                        | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:47 |
| S86 | 7       | "370"/\$.ccls. and reduce with rate<br>with real-time and<br>(@ad<="20011130" or<br>@rlad<="20011130")                                       | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:49 |
| S87 | 82      | "370"/\$.ccls. and router with ToS<br>and (@ad<="20011130" or<br>@rlad<="20011130")  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:51 |
| S88 | 0       | "370"/\$.ccls. and reduc\$3 with CIR<br>with (real-time or voice or video)<br>and (@ad<="20011130" or<br>@rlad<="20011130")                  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:51 |
| S89 | 445     | "370"/\$.ccls. and reduc\$3 with rate<br>with (real-time or voice or video)<br>and (@ad<="20011130" or<br>@rlad<="20011130")                 | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 12:00 |
| S90 | 2       | "370"/\$.ccls. and reduc\$3 with<br>maximum with rate with (real-time<br>or voice or video) and<br>(@ad<="20011130" or<br>@rlad<="20011130") | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:52 |
| S91 | 2711406 | "370"/\$.ccls. and real-time with<br>non-real time and<br>(@ad<="20011130" or<br>@rlad<="20011130")  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:53 |
| S92 | 93      | "370"/\$.ccls. and "real-time" with<br>"non-real time" and<br>(@ad<="20011130" or<br>@rlad<="20011130")                                      | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:53 |
| S93 | 8       | "370"/\$.ccls. and "real-time" with<br>"non-real time" and rate near2<br>adjust\$4 and (@ad<="20011130"<br>or @rlad<="20011130")             | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 11:53 |
| S94 | 0       | "2003/0189900"   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 12:00 |
| S95 | 1       | "20030189900"  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 12:00 |
| S96 | 29      | (video or voice or "real-time" or<br>"real time") same (adjust\$4 adj<br>rate) and timer   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 12:19 |
| S97 | 350     | "370"/\$.ccls. and (type or service)<br>same (adjust\$4 near3 rate) and<br>(@ad<="20011130" or<br>@rlad<="20011130")                         | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 13:19 |

## EAST Search History

|      |       |   |                        |    |     |                  |
|------|-------|---|------------------------|----|-----|------------------|
| S98  | 138   | "370"/\$.ccls. and (type or service) with (adjust\$4 near3 rate) and (@ad<="20011130" or @rlad<="20011130")       | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:21 |
| S99  | 62    | "370"/\$.ccls. and (type or service) with (set with maximum with rate) and (@ad<="20011130" or @rlad<="20011130") | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:31 |
| S100 | 1     | "6891832".pn.   | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:31 |
| S101 | 4     | ("6160808"   "6430196"   "6707799"   "6785239").PN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/05 13:33 |
| S102 | 332   | "370"/\$.ccls. and "real-time" with detect\$4   | US-PGPUB; USPAT        | OR | OFF | 2005/07/05 13:35 |
| S103 | 332   | "370"/\$.ccls. and "real-time" with detect\$4   | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:35 |
| S104 | 8     | "370"/\$.ccls. and "real-time" with detect\$4 and rate adj adjust\$4  | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:36 |
| S105 | 8     | "370"/\$.ccls. and "real-time" same rate adj adjust\$4  | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:37 |
| S106 | 60    | "370"/\$.ccls. and "real-time" same (rate with adjust\$4)   | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:38 |
| S107 | 15    | "370"/\$.ccls. and "real-time" with (vocoder or AMR)  | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:41 |
| S108 | 320   | "370"/\$.ccls. and maximum adj transmission adj rate  | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:44 |
| S109 | 31366 | "370"/\$.ccls. and ("real-time" or voice or video) and "committed Information rate" transmission adj rate         | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:46 |
| S110 | 153   | "370"/\$.ccls. and ("real-time" or voice or video) and "committed Information rate"                               | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:54 |
| S111 | 17    | "370"/\$.ccls. and rate adj adjuster  | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:56 |
| S112 | 1653  | "370"/\$.ccls. and rate near2 adjust\$4   | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:57 |
| S113 | 1     | "370"/\$.ccls. and rate near2 adjust\$4 with CIR  | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:58 |
| S114 | 1     | "370"/\$.ccls. and rate near2 adjust\$4 with Frame adj relay  | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:58 |
| S115 | 6     | "370"/\$.ccls. and rate near2 adjust\$4 same Frame adj relay  | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 13:59 |
| S116 | 36    | "370"/\$.ccls. and CIR with rate and EIR with rate  | US-PGPUB; USPAT        | OR | ON  | 2005/07/05 14:19 |

## EAST Search History

|          |         |  |                    |    |    |                  |
|----------|---------|--|--------------------|----|----|------------------|
| S11<br>7 | 87      | "370"/\$.ccls. and set with rate with (service or traffic) with type             | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 14:21 |
| S11<br>8 | 68      | "370"/\$.ccls. and rate with (CIR or GIR or EIR) with (type or service or class) | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 14:25 |
| S11<br>9 | 0       | "370"/\$.ccls. and rate with (CIR) with "real-time"                              | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 14:26 |
| S12<br>0 | 4       | "370"/\$.ccls. and rate with (CIR) with "voice"                                  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/05 14:35 |
| S12<br>1 | 472     | 370/395.2.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:23 |
| S12<br>2 | 3978576 | @ad<="20011130" or<br>@prad<="20011130" or<br>@rlad<="20011130"                  | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:24 |
| S12<br>3 | 330     | S121 and S122  | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:24 |
| S12<br>4 | 113804  | adjust\$3 with rate  | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:24 |
| S12<br>5 | 134140  | adjust\$4 with rate  | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:24 |
| S12<br>6 | 136575  | S123 and S125  | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:24 |
| S12<br>7 | 18      | S123 and S125  | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:28 |
| S12<br>8 | 38      | voice with negotiat\$3 with rate   | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:32 |
| S12<br>9 | 134140  | rate with adjust\$4  | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:33 |
| S13<br>0 | 114227  | S122 and S129  | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:32 |
| S13<br>1 | 55888   | rate near2 adjust\$4   | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:33 |
| S13<br>2 | 1409    | "370"/\$.ccls. and S131 and S122   | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:33 |
| S13<br>3 | 1       | committed with rate and rate adj<br>adjust\$4 and @prad<="20011130"              | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:36 |
| S13<br>4 | 16480   | rate adj adjust\$4   | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:36 |
| S13<br>5 | 14067   | rate adj adjust\$4 and S122  | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:36 |
| S13<br>6 | 47291   | rate near2 adjust\$4 and S122  | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:41 |
| S13<br>7 | 815     | committed with rate  | US-PGPUB;<br>USPAT | OR | ON | 2005/12/30 07:36 |



## EAST Search History

|          |       |  |                    |    |     |                  |
|----------|-------|--|--------------------|----|-----|------------------|
| S13<br>8 | 23    | S136 and S137                                      | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 07:36 |
| S13<br>9 | 715   | committed with rate                                | US-PGPUB;<br>USPAT | OR | OFF | 2005/12/30 07:40 |
| S14<br>0 | 511   | S139 and S122                                      | US-PGPUB;<br>USPAT | OR | OFF | 2005/12/30 07:40 |
| S14<br>1 | 55888 | rate near2 adjust\$4                               | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 07:41 |
| S14<br>2 | 22    | S140 and S141                                      | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 08:08 |
| S14<br>3 | 15056 | class with service                                 | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 08:27 |
| S14<br>4 | 1416  | class with service with rate                       | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 09:19 |
| S14<br>5 | 1112  | S122 and S144                                      | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 08:28 |
| S14<br>6 | 4809  | 370/395\$.ccls.                                    | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 08:28 |
| S14<br>7 | 7932  | S145 adn S146                                      | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 08:28 |
| S14<br>8 | 1139  | S145 and27   | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 08:28 |
| S14<br>9 | 206   | S145 and S146                                      | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 08:28 |
| S15<br>0 | 399   | class with priority with rate                      | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 09:19 |
| S15<br>1 | 303   | S122 and S150                                      | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 09:19 |
| S15<br>2 | 74    | S122 and S150 and S146                             | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 09:20 |
| S15<br>3 | 10    | CIR and contract and priority and<br>S122 and S146 | US-PGPUB;<br>USPAT | OR | OFF | 2005/12/30 09:34 |
| S15<br>4 | 10    | CIR and contract and priority and<br>S122 and S146 | US-PGPUB;<br>USPAT | OR | ON  | 2005/12/30 09:34 |
| S15<br>5 | 28    | CIR with voice                                     | US-PGPUB;<br>USPAT | OR | OFF | 2005/12/30 10:34 |
| S15<br>6 | 0     | CIR with voice36 and S122                          | US-PGPUB;<br>USPAT | OR | OFF | 2005/12/30 10:35 |
| S15<br>7 | 23    | S155 and S122                                      | US-PGPUB;<br>USPAT | OR | OFF | 2005/12/30 10:35 |

## EAST Search History

|          |         |  |                              |    |     |                  |
|----------|---------|--|------------------------------|----|-----|------------------|
| S15<br>8 | 44      | ("20010056481"   "4817080"  <br>"5251152"   "5258979"   "5446733"<br>  "5450601"   "5504744"  <br>"5734654"   "5734697"   "5742588"<br>  "5761502"   "5774667"  <br>"5781703"   "5842040"   "5870561"<br>  "5872931"   "5953344"  <br>"5963541"   "6021437"   "6038219"<br>  "6094681"   "6104700"  <br>"6108304"   "6125390"   "6137777"<br>  "6145001"   "6167445"  <br>"6185189"   "6185613"   "6222844"<br>  "6233449"   "6243747"  <br>"6256315"   "6269330"   "6275855"<br>  "6298041"   "6349335"  <br>"6356560"   "6370116"   "6381639"<br>  "6405250"   "6438123"  <br>"6453472"   "6577642").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/12/30 10:38 |
| S15<br>9 | 207     | committed with rate and excess<br>with rate  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/12/30 10:43 |
| S16<br>0 | 129     | S159 and S122  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/12/30 10:55 |
| S16<br>1 | 23      | voice with CIR and S122  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/12/30 10:56 |
| S16<br>2 | 2       | voice with interval with CIR and<br>S122   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/12/30 10:57 |
| S16<br>3 | 0       | voice with period with CIR and S122  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/12/30 10:57 |
| S16<br>4 | 1       | data with best with effort and voice<br>with committed and S122  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/12/30 10:58 |
| S16<br>5 | 30      | voice with committed with rate and<br>S122   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/12/30 11:08 |
| S16<br>6 | 5       | real-time with committed with rate<br>and S122   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/12/30 11:08 |
| S16<br>7 | 3980105 | @ad<="20011130" or<br>@prad<="20011130" or<br>@rlad<="20011130"  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/01/06 09:26 |
| S16<br>8 | 12937   | CIR  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 09:27 |
| S16<br>9 | 391     | CIR and committed  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 09:27 |
| S17<br>0 | 207424  | "real-time" or "realtime" or "real<br>time"  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 09:27 |
| S17<br>1 | 121     | S167 and S169 and S170   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 09:27 |
| S17<br>2 | 57235   | voice and video  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 09:28 |

## EAST Search History

|          |        |  |                    |    |    |                  |
|----------|--------|--|--------------------|----|----|------------------|
| S17<br>3 | 75     | S171 and S172  | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 09:36 |
| S17<br>4 | 682    | Eir  | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 09:36 |
| S17<br>5 | 11     | S173 and S174  | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 09:37 |
| S17<br>6 | 26     | best with effort with "non-real time"  | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 09:38 |
| S17<br>7 | 44     | best with effort with "non-real-time"  | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 09:38 |
| S17<br>8 | 0      | best with effort with "non-real-time" and CIR with real-time                                 | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 09:38 |
| S17<br>9 | 0      | best with effort with "non-real-time" and (committed with real-time)                         | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 09:39 |
| S18<br>0 | 0      | best with effort with "non-real-time" and (committed with realtime)                          | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 09:39 |
| S18<br>1 | 1186   | data with best with effort   | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 09:39 |
| S18<br>2 | 2      | voice with video with committed with rate  | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 09:40 |
| S18<br>3 | 10     | CIR with voice and EIR with data   | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 09:42 |
| S18<br>4 | 207424 | ("real-time" or "realtime" or "real time")   | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 10:05 |
| S18<br>5 | 29206  | CIR or committed   | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 09:43 |
| S18<br>6 | 3934   | S167 and S184 and S185   | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 09:43 |
| S18<br>7 | 55     | S167 and (S184 with S185)  | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 10:05 |
| S18<br>8 | 10     | ("real-time" or "realtime" or "real time") with CIR  | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 10:17 |
| S18<br>9 | 389    | ("real-time" or "realtime" or "real time") with detect\$3 with interval                      | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 10:18 |
| S19<br>0 | 6      | ("real-time" or "realtime" or "real time") with detect\$4 with interval with timer           | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 10:19 |
| S19<br>1 | 96     | ("real-time" or "realtime" or "real time") with detect\$4 with timer                         | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 10:20 |
| S19<br>2 | 68     | ("real-time" or "realtime" or "real time") with detect\$4 with timer and S167                | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 10:23 |
| S19<br>3 | 197    | ("real-time" or "realtime" or "real time") with (detect\$4 or monitor\$) with timer and S167 | US-PGPUB;<br>USPAT | OR | ON | 2006/01/06 10:23 |

## EAST Search History

|          |       |   |                              |    |     |                  |
|----------|-------|---|------------------------------|----|-----|------------------|
| S19<br>4 | 0     | ("real-time" or "realtime" or "real time") with (detect\$4 or monitor\$) with timer with adjust\$4 with rate and S167   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 10:26 |
| S19<br>5 | 1     | ("real-time" or "realtime" or "real time") with (detect\$4 or monitor\$) with timer same (adjust\$4 with rate) and S167 | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 10:24 |
| S19<br>6 | 2     | ("real-time" or "realtime" or "real time") same (detect\$4 or monitor\$) same timer same (adjust\$4 with rate) and S167 | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 10:25 |
| S19<br>7 | 1121  | ("real-time" or "realtime" or "real time") same (detect\$4 or monitor\$) same timer and S167                            | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 10:25 |
| S19<br>8 | 2     | ("real-time" or "realtime" or "real time") with (detect\$4 or monitor\$) with timer with rate and S167                  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 10:26 |
| S19<br>9 | 23    | ("real-time" or "realtime" or "real time") with (detect\$4 or monitor\$) with timer with interval and S167              | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 10:47 |
| S20<br>0 | 4     | ("6160808"   "6430196"   "6707799"   "6785239").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/06 10:38 |
| S20<br>1 | 598   | ("real-time" or "realtime" or "real time") with (detect\$4 or monitor\$) with time with interval and S167               | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 10:46 |
| S20<br>2 | 381   | ("real-time" or "realtime" or "real time") with timer with interval and S167  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 10:47 |
| S20<br>3 | 2     | ("real-time" or "realtime" or "real time") with (detect\$4 or monitor\$) with timer with frame and S167                 | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 10:48 |
| S20<br>4 | 0     | ("real-time" or "realtime" or "real time") with (detect\$4 or monitor\$) with timer with voice and non-voice and S167   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/01/06 10:48 |
| S20<br>5 | 5932  | 370/329,352,352,354,355,356.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/01/06 16:43 |
| S20<br>6 | 7689  | 370/329,352,352,354,355,356,468.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/01/06 16:32 |
| S20<br>7 | 66    | EIR and CIR   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/01/06 16:33 |
| S20<br>8 | 6     | S206 and S207   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/01/06 16:32 |
| S20<br>9 | 12889 | CIR   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/01/06 16:33 |

## EAST Search History

|          |         |   |                    |    |     |                  |
|----------|---------|---|--------------------|----|-----|------------------|
| S21<br>0 | 73      | S206 and S209   | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/06 16:33 |
| S21<br>1 | 3980105 | @ad<="20011130" or<br>@prad<="20011130" or<br>@rlad<="20011130"                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/06 16:33 |
| S21<br>2 | 59      | S206 and S209 and S211  | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/06 16:33 |
| S21<br>3 | 8970    | 370/229-235,352,353,354,355,356.<br>ccls.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/06 16:43 |
| S21<br>4 | 91      | S213 and S209 and S211  | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/06 16:44 |
| S21<br>5 | 4025790 | @ad<="20011130" or<br>@prad<="20011130" or<br>@rlad<="20011130"                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/19 11:49 |
| S21<br>6 | 69      | EIR and CIR   | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/19 11:49 |
| S21<br>7 | 28      | EIR and CIR and ("real time" or<br>"real-time")                                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/19 11:50 |
| S21<br>8 | 22      | EIR and CIR and ("real time" or<br>"real-time") and S215                          | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/19 12:00 |
| S21<br>9 | 39      | CIR same ("real time" or<br>"real-time") and S215                                 | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/19 12:04 |
| S22<br>0 | 15      | CIR same (voice and video) and<br>S215  | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/19 12:02 |
| S22<br>1 | 187     | committed same ("real time" or<br>"real-time") and S215                           | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/19 12:05 |
| S22<br>2 | 28      | committed same rate same ("real<br>time" or "real-time") and S215                 | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/19 12:10 |
| S22<br>3 | 3010    | (voice and video) same ("real time"<br>or "real-time") and S215                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/19 12:10 |
| S22<br>4 | 7       | committed same (voice and video)<br>same ("real time" or "real-time")<br>and S215 | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/19 12:12 |
| S22<br>5 | 219     | (committed or CIR or GIR) same<br>("real time" or "real-time") and S215           | US-PGPUB;<br>USPAT | OR | OFF | 2006/06/19 12:12 |